

A photograph of a marshy landscape. In the upper left, there is a body of water. The rest of the image shows a muddy area with patches of green grass and some bare, brown sticks or reeds. The text is overlaid on the center of the image.

# Duwamish Gardens Project Update

Mike Perfetti—City of Tukwila





**FOR LEASE/SALE**  
**81,000 SQ. FT.**  
**ZONED MFG HEAVY**  
**(206) 243-7476**  
**(206) 763-7065**

05.30.2006 10:39



# Duwamish Gardens - Project Location

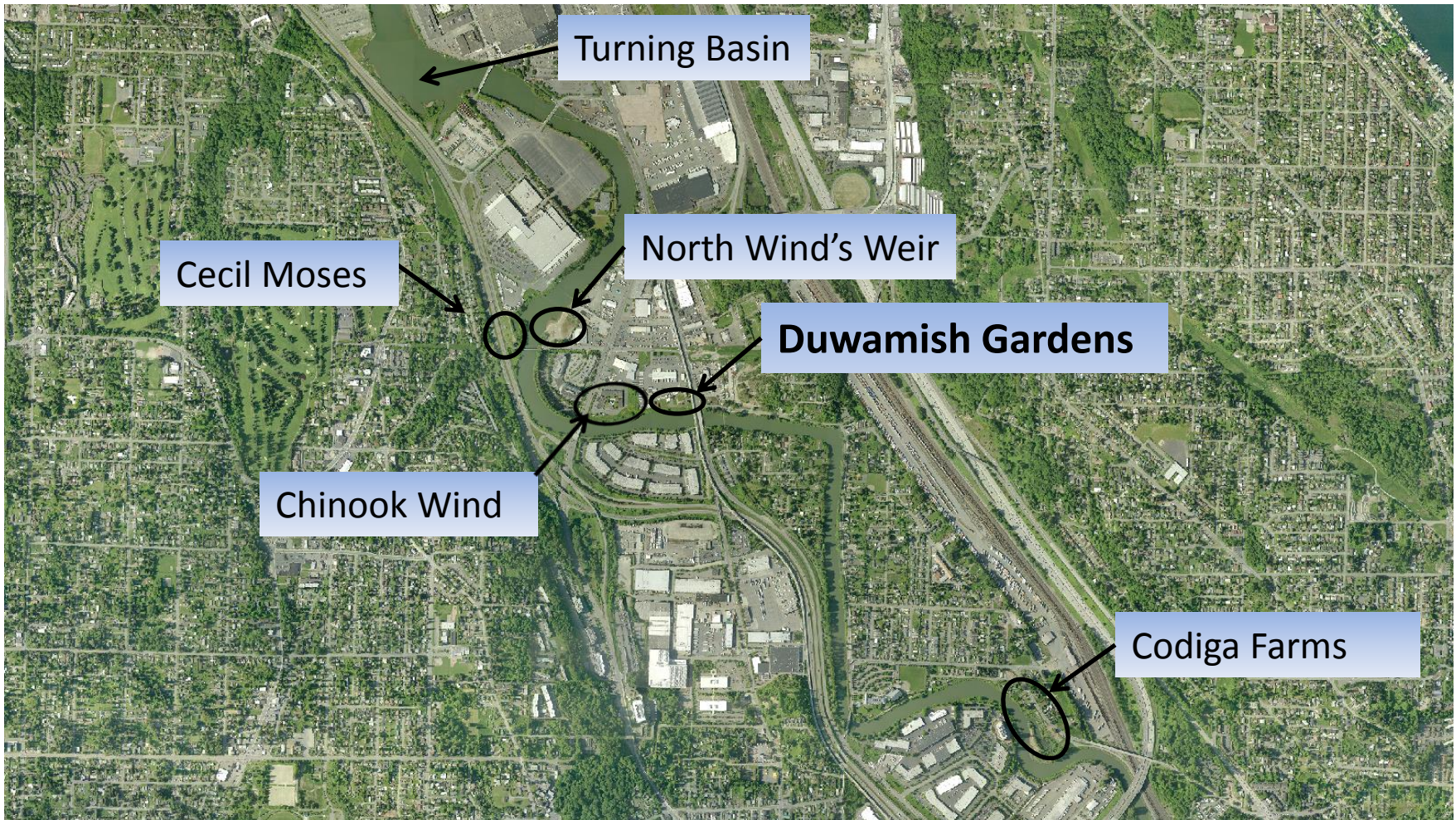






Photo Taken: Spring 2012

## Duwamish Gardens Expanded Site



VERTICAL DATUM CONVERSIONS  
(PER CITY OF SEATTLE PUBLIC UTILITIES)

DATE	ELEVATION
10/1/2000	43.00
10/1/2001	43.00
10/1/2002	43.00
10/1/2003	43.00
10/1/2004	43.00
10/1/2005	43.00
10/1/2006	43.00
10/1/2007	43.00
10/1/2008	43.00
10/1/2009	43.00
10/1/2010	43.00
10/1/2011	43.00
10/1/2012	43.00
10/1/2013	43.00
10/1/2014	43.00
10/1/2015	43.00
10/1/2016	43.00
10/1/2017	43.00
10/1/2018	43.00
10/1/2019	43.00
10/1/2020	43.00

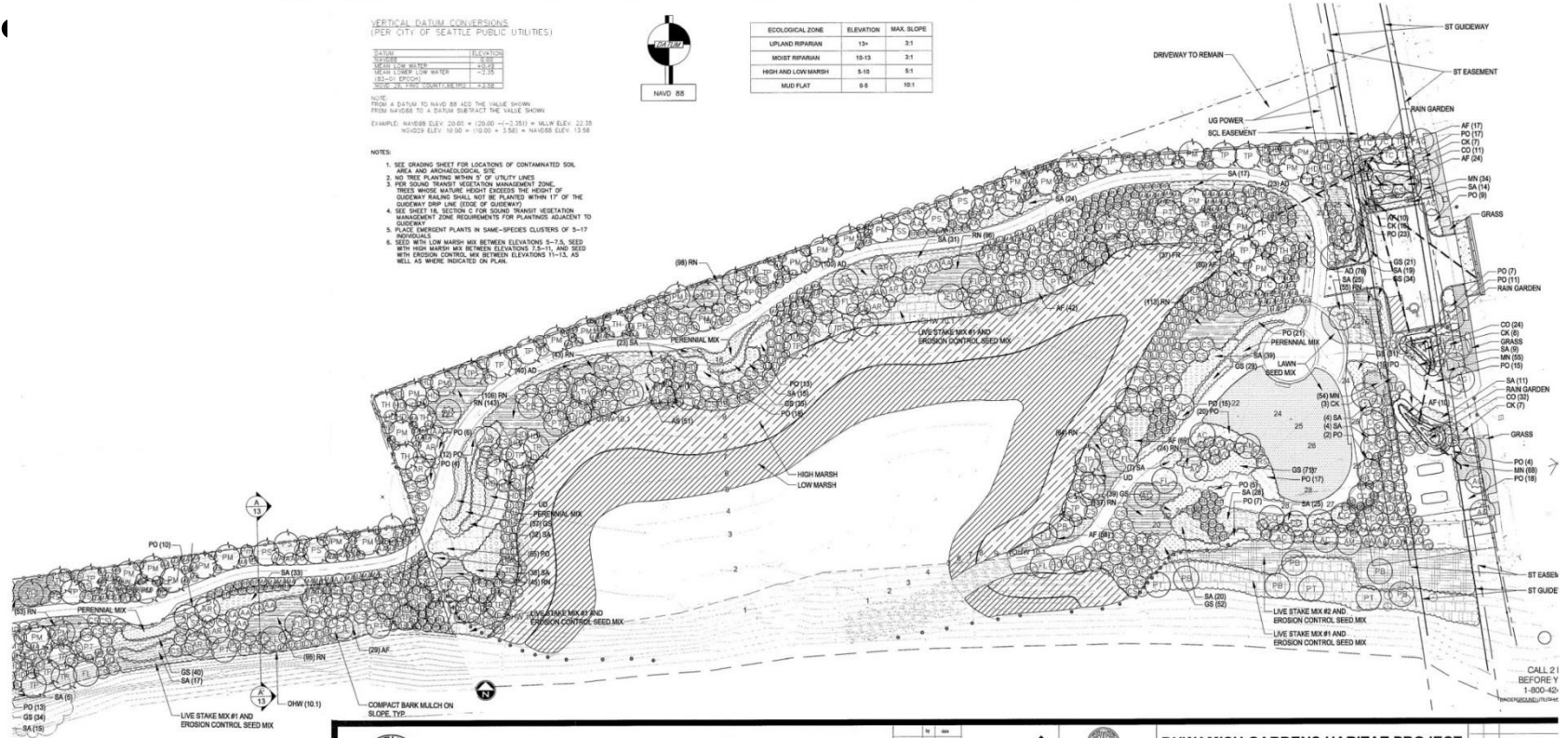
NOTE:  
FROM A DATUM TO NAVD 88 ADD THE VALUE SHOWN  
FROM NAVD 88 TO A DATUM SUBTRACT THE VALUE SHOWN  
EXAMPLE: NAVD 88 ELEV 20.00 + (23.00 - 1.350) = NAVD ELEV 21.65  
NAVD 88 ELEV 10.00 + (10.00 - 3.50) = NAVD ELEV 13.50

NOTES:

- SEE GRADING SHEET FOR LOCATIONS OF CONTAMINATED SOIL AREA AND ARCHAEOLOGICAL SITE.
- NO TREE PLANTING WITHIN 5' OF UTILITY LINES.
- FOR SOUND TRUNK VIBRATION MANAGEMENT ZONE, TREE WIDTH MATING HEIGHT EXCEEDS THE HEIGHT OF THE TRUNK. TREE WIDTH SHALL NOT BE PLANTED WITHIN 17' OF THE GUEWAY DRIP LINE (EDGE OF GUEWAY).
- SEE SHEET 18, SECTION C FOR SOUND TRUNK VIBRATION MANAGEMENT ZONE REQUIREMENTS FOR PLANTINGS ADJACENT TO GUEWAY.
- PLACE EMERGENT PLANTS IN SAME-SPECIES CLUSTERS OF 3-17 INDIVIDUALS.
- SEED WITH LOW MARSH MIX BETWEEN ELEVATIONS 5-7.5, SEED WITH HIGH MARSH MIX BETWEEN ELEVATIONS 7.5-11, AND SEED WITH EROSION CONTROL MIX BETWEEN ELEVATIONS 11-15.5, AS WELL AS WHERE INDICATED ON PLAN.



ECOLOGICAL ZONE	ELEVATION	MAX. SLOPE
UPLAND RIPARIAN	13+	3:1
MOIST RIPARIAN	10-13	3:1
HIGH AND LOW MARSH	5-10	5:1
MUD FLAT	0-5	10:1



B PLANTING PLAN, ADDED SITE AREA  
1" = 20'



**PUBLIC WORKS DEPT.**  
ENGINEERING-STREETS-WATER-SEWER-PARKS-BUILDING

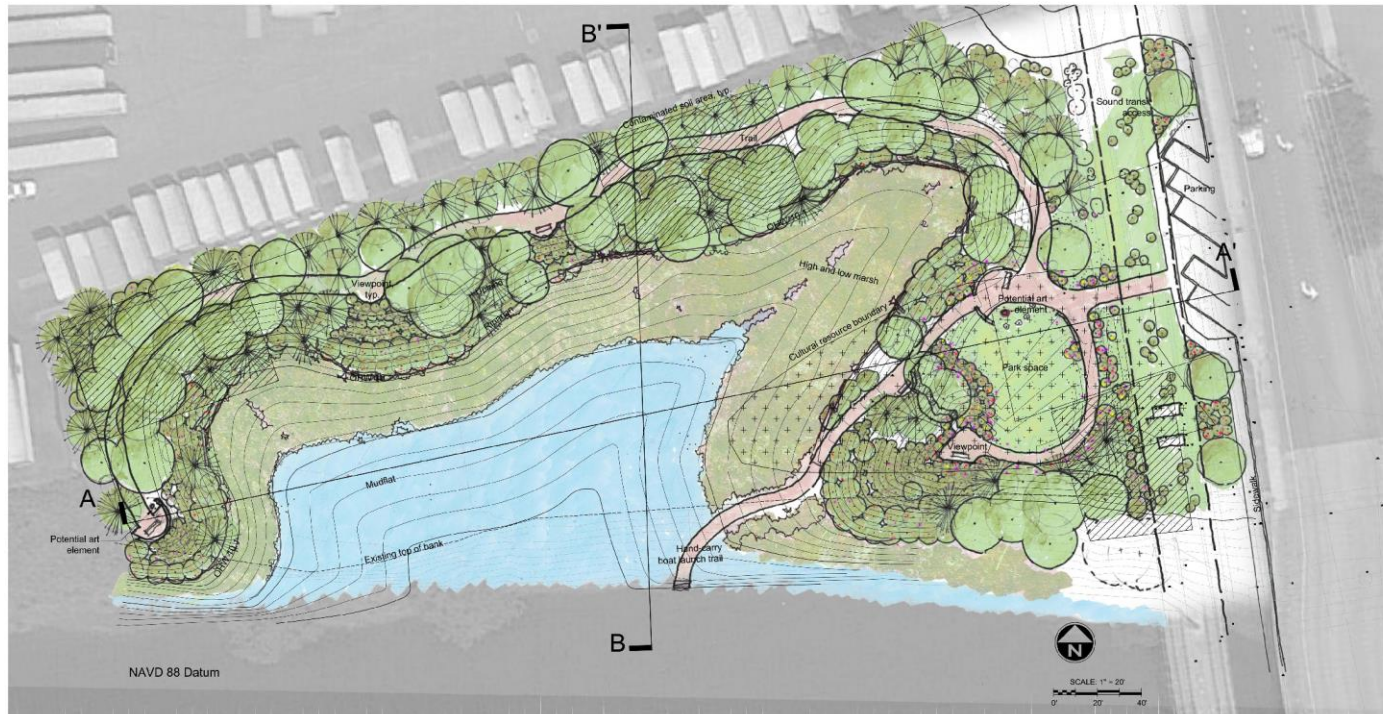
designed: MPT 10/20/14  
drawn: CJS 10/20/14  
checked: JLB 10/20/14  
approved: JLB 10/20/14  
date: 10/20/14



**DUWAMISH GARDENS HABITAT PROJECT**  
**PLANTING PLAN**

CALL 21  
BEFORE Y  
1-800-42  
INFORMATION





## SITE PLAN

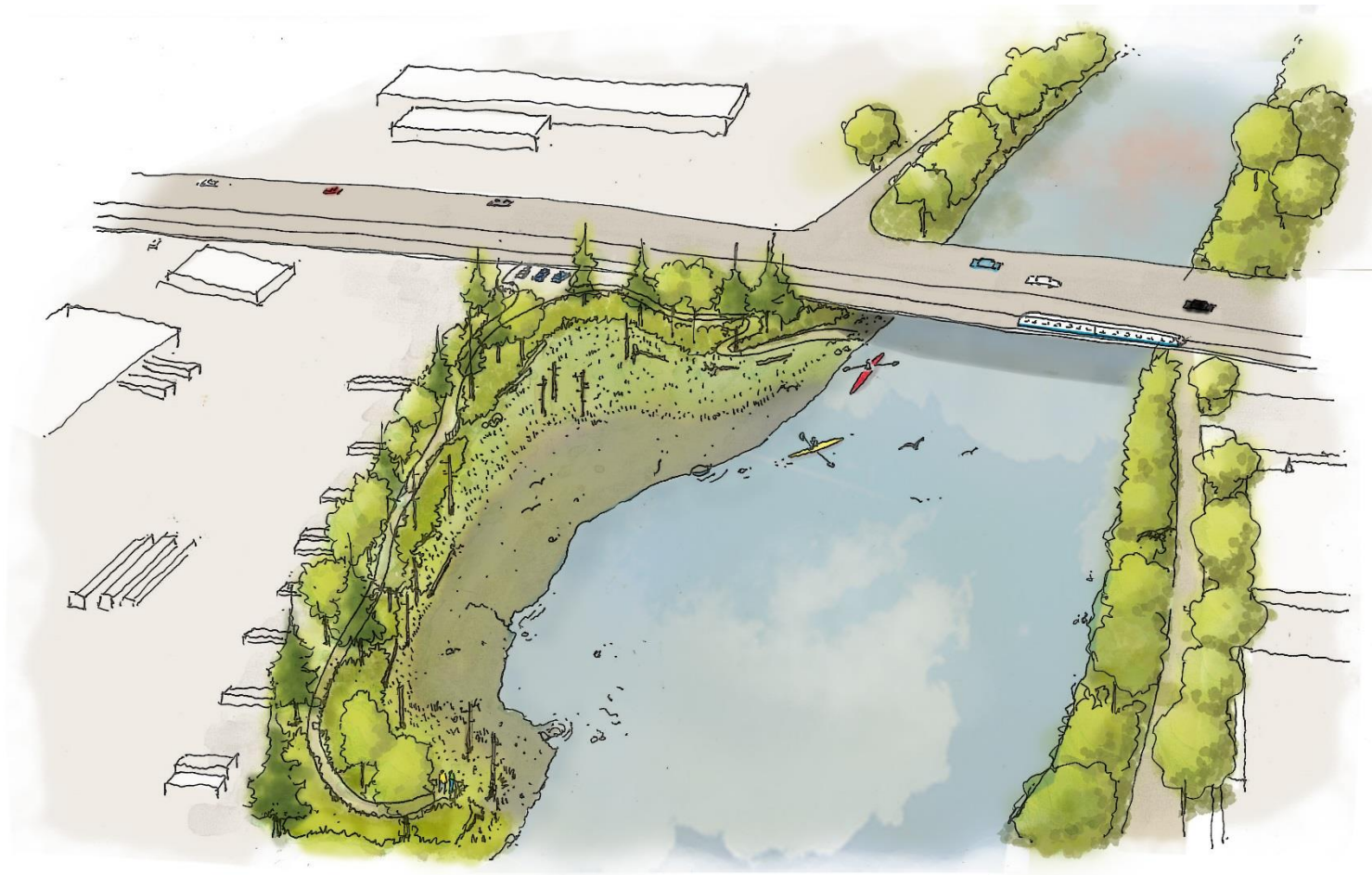
# DUWAMISH GARDENS HABITAT PROJECT

CITY OF TUKWILA

March 28, 2013

j.a. brennan associates, PLLC  
in association with  
Shannon & Wilson, Inc.  
CascadiaTEC, Inc.  
Chris Webb & Associates  
CASCADE Interpretive Consulting  
ESA Program



























# Chinook Wind/Duwamish Gardens Site





# Lessons Learned...Still In Progress

- Land Use Issues
- Earthwork Considerations
- Hydraulic
- Multiple Benefits
- Planting
- Schedule Considerations
- Maintenance



# Land Use Issues – Historic Resources





# Land Use Issues - Contaminated Soils



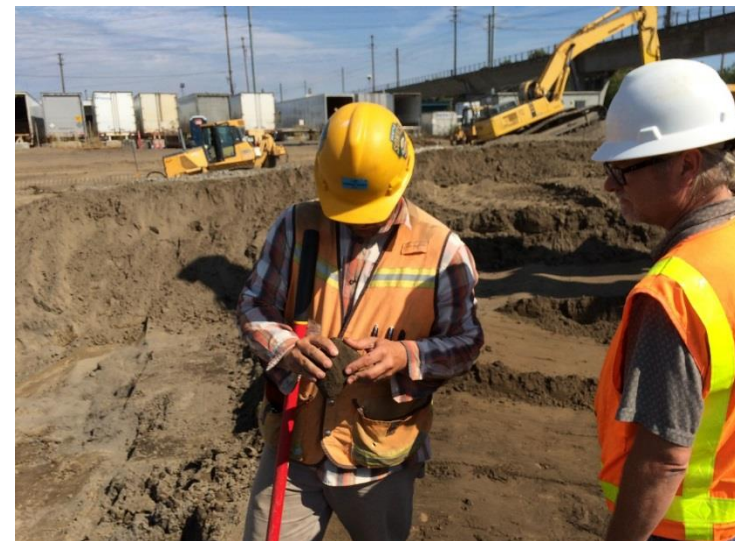


# Land Use Issues – Cultural Resources





# Land Use Issues - Cultural Resources





# Earthwork





# Earthwork





# Earthwork – What's Under There?





# Hydraulics





# Hydraulics





# Multi-beneficial Project





# Multi-beneficial Project





# Planting





# Schedule



- In-water work window
- Sequencing
- Planting
- Earthwork